



Form PTO-1449

ATTY DOCKET NO. 70-01	SERIAL NO. 09/974,729	FILING DATE October 9, 2001
APPLICANT Goodman and Martarello		GROUP 1616

U.S. PATENT DOCUMENTS

Exmr Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
10		5,413,779	5/9/95	Kuhar et al.	424	1.85	
		5,310,912	5/10/94	Neumeyer et al.	424	1.1	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes/No
		97/43285	20/11/97	WO	C07D	451/02	Yes

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

1		Blough et al. "Synthesis and Transporter Binding Properties of 3β-(4'-Alkyl-, 4'-alkenyl-, and 4' alkynylphenyl)nortropane-2β-carboxylic Acid Methyl Esters: Serotonin Transporter Selective Analogs" (1996) <i>J. Med. Chem.</i> 39(20):4027-4035.
2		Blough, B.E. et al. "3β-(4-Ethyl-3-iodophenyl)nortropane-2β-carboxylic Acid Methyl Ester as a High-Affinity Selective Ligand for the Serotonin Transporter" (1997) <i>J. Med. Chem.</i> 40(24):3861-3864.
3		Goodman, M.M. <u>Clinical Positron Emission Tomography</u> Mosby Yearbook, 1992, K.F. Hubner et al., Chapter 14 "Automated Synthesis of Radiotracers for PET Applications".
4		Hubner, K.F. <u>Clinical Positron Emission Tomography</u> Mosby Year Book, 1992, K.F. Hubner, et al., Chapter 2 "University of Tennessee Biomedical Imaging Center and Transfer of Technology to the Clinical Floor".
5		Hume, et al. "Citalopram: Labelling with Carbon-11 and Evaluation in Rat as a Potential Radioligand for <i>In Vivo</i> PET Studies of 5-HT Re-uptake Sites" (1991) <i>Nucl. Med. Biol.</i> 18:339-351.
6		Kilbourn et al. "Synthesis of Radiolabeled Inhibitors of Presynaptic Monoamine Uptake Systems: [¹⁸ F]GBR 13119(DA), [¹¹ C]Nisoxetine (NE), and [¹¹ C]Fluoxetine (5-HT)" (1989) <i>J. Label. Cmpd. Radiopharm.</i> 26:412-414. (Symposium Abstract)
7		Maryanoff et al. "Pyrroloisoquinoline Antidepressants. In-Depth Exploration of Structure-Activity Relationships" (1987) <i>J. Med. Chem.</i> 30:1433-1454.

EXAMINER *Hartley*DATE CONSIDERED *1/17/2003*

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

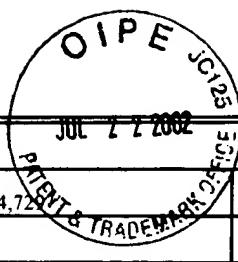
RECEIVED
TECH CENTER 1600
JAN 24 2002

Form PTO 1449			
ATTY DOCKET NO. 70-01		SERIAL NO. 09/974,729	FILING DATE October 9, 2001
APPLICANT Goodman and Martarello		GROUP 1625 (616)	

8		Mathis et al. "Synthesis and Biological Evaluation of a PET Radioligand for Serotonin Uptake Sites: [F-18]5-Fluoro-6-Nitroquipazine" (1993) <i>J. Nucl. Med.</i> 34 :7P-8P.
9		Murphy, D.L. et al. "Use of Serotonergic Agents in the Clinical Assessment of Central Serotonin Function" (1986) <i>J. Clin. Psychiatr.</i> 47 (supp)9-15.
10		Suehiro et al. "Radiosynthesis and Evaluation of N-(3-[¹⁸ F]Fluoropropyl) paroxetine as a Radiotracer for <i>In Vivo</i> Labeling of Serotonin Uptake Sites by PET" (1991) <i>Nucl. Med. Biol.</i> 18 :791-796.
11		Suehiro et al. "Synthesis of a Radiotracer for Studying Serotonin Uptake Sites with Positron Emission Tomography: [¹¹ C]McN-5652-Z" (1992) <i>J. Label Cmpd. Radiopharm.</i> 31 :841-848.
12		Suehiro et al. "A PET Radiotracer for Studying Serotonin Uptake Sites: Carbon-11-McN-5652Z" (1993) <i>J. Nucl. Med.</i> 34 :120-127.

EXAMINER	Hortley	DATE CONSIDERED	6/7/2003
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

COPY OF PAPERS
ORIGINALLY FILED



Form PTO 1449							
ATTY DOCKET NO. 70-01		SERIAL NO. 09/974,728		FILING DATE October 9, 2001			
APPLICANTS Goodman and Martarello							
GROUP 1616							

U.S. PATENT DOCUMENTS

Exmr. Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

RECEIVED
JUL 25 2002
TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes/No

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

<i>dh</i>		Gu, X-H et al., "Synthesis and biological evaluation of a series of novel - or O-fluoroalkyl derivatives of tropine; potential positron emission tomography (PET) imaging agents for the dopamine transporter," (2001) <i>Bioorganic & Medicinal Chem. Lett.</i> 11:3049-3053

EXAMINER <i>Hartley</i>	DATE CONSIDERED <i>5/28/2001</i>
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	